

## Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: Kissell et al.

Application No./Patent No.: 09/882,285

Filed/Issue Date: June 18, 2001

Entitled: **Method and Apparatus for Saving and Restoring Processor Register Values and Allocating and Deallocating Stack Memory**

MIPS Technologies, Inc.

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: 9-25-01

Name: Sandy Creighton

Title: Vice-President, General Counsel, and Secretary

Signature: Sandy Creighton

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): Kevin D. Kissell and Hartvig W. J. Ekner, the undersigned inventor(s) hereby sell(s) and assign(s) to **MIPS Technologies, Inc.** (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

(a) in the invention(s) known as **Method and Apparatus for Saving and Restoring Processor Register Values and Allocating and Deallocating Stack Memory** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 15 sept. 2001 and 18 sept 2001 (also known as United States Application No. 09/882,285, filed June 18, 2001), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.


The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

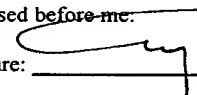
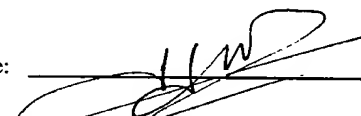
The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

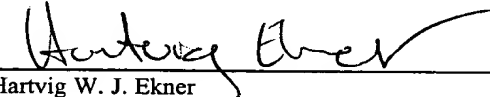

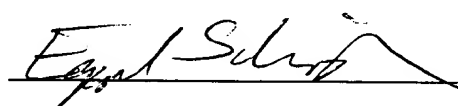
The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,018; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; and Linda E. Alcorn, Esquire, Registration No. 39,588; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, and James F. Kurkowski, Esquire, Reg. No. 35,923 of MIPS Technologies, Inc., 1225 Charleston Road, Mountain View, CA 094043-1353, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: 15 september 2001 Signature of Inventor:   
Kevin D. Kissell

Witnessed before me: \_\_\_\_\_  
Signature:  Signature:   
Print Name: Sylvain Russo. Print Name: JEAN-CLAUDE GUENAS  
Address: chemin des Nardes Address: 51 CHEMIN DES "MARTELLS"  
06620 LE BAR 1 LOUP. 06620 LE BAR SUR LOUP

Date: Sep 18, 2001 Signature of Inventor:   
Hartvig W. J. Ekner  
Witnessed before me: \_\_\_\_\_  
Signature:  Signature:   
Print Name: HOLGER ORUP Print Name: EGGERT SCHRÖDER  
Address: FLINTBERG 16, ØSTED Address: CHRISTIANSROVE 7  
4000 ROSKILDE, DENMARK 2930 KLAMPENBORG

**COPY**  
"NOT FOR RECORDATION"

Assignment accepted on behalf of MIPS Technologies, Inc. by:

SIGNATURE: Sandy Creighton  
PRINTED NAME: Sandy Creighton  
TITLE: Vice President, General Counsel & Secretary  
DATE: 9-25-01

**COPY**  
"NOT FOR RECORDATION"

State of California )

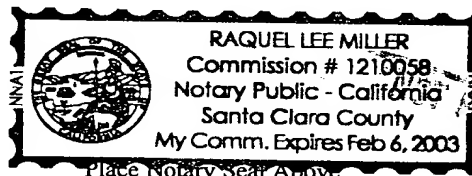
ss.

County of Santa Clara)

On 9-25-01, before me, Raquel Lee Miller, Notary Public, personally appeared Sandy Creighton, personally known to me ~~or proved to me on the basis of satisfactory evidence~~, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity ~~yes~~, and that by his/her/their signature ~~on~~ the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Raquel Lee Miller  
Signature of Notary Public



**COPY**  
"NOT FOR RECORDATION"

**COPY**  
"NOT FOR RECORDATION"  
SKOP Rev. 1/30/01 mac